

Revised Syllabus

Additional Documents

Your instructor will provide you with the following two additional documents:

- an addendum to this syllabus with your teacher's personal information and individual policies
- a schedule of sections covered, etc.

Text (required)

Intermediate Algebra with Applications 7th Edition (©2008) by Aufmann, Barker and Lockwood, Houghton-Mifflin, ISBN 978-0-618-80368-2. The class will cover chapters 2 through 8 (generally we skip §4.3 and §7.3) and sections 9.1, 10.2 and 10.4.

Calculators

A scientific (non-graphing) calculator will be necessary on many homework assignments. The use of calculators on quizzes, tests, and exams is at the discretion of your instructor. You may use a non-graphing calculator on the final exam.

A calculator is, of course, a useful and necessary tool; however, you should not rely on a calculator as a substitute for basic computational skills. The over reliance on a calculator inhibits the learning of important fundamental algebraic ideas. You will be expected to perform standard algebra calculations without the use of a calculator such as: solving equations; graphing; and manipulation of standard algebra expressions (e.g., factoring, complex numbers, rational expressions, radical expressions, logarithms, etc.)

Bulletin Description

Techniques for handling polynomial and rational expressions, solutions of equations, exponents and logarithms, the quadratic equation, graphs. The course reviews high school algebra I and covers the standard topics of high school algebra II. Does not apply toward any degree or certificate at La Sierra University.

Prerequisite

MATH 006 (*Introductory Algebra*) or appropriate score on placement examination

Course Objectives

The student will master the concepts of intermediate algebra and develop effective study habits for success in future mathematics courses that have intermediate algebra as a prerequisite (e.g., MATH 121 *College Algebra*). The student will be able to perform standard algebraic computations and draw graphs, memorize and use formulas and equations without the use of calculators or memory aids (see the section on calculators above).

Passing Grade

In order to receive a passing grade **all** of the following criteria must be met:

- You must attend at least 80% of the scheduled classes.
- You must attend at least 80% of the weekly lab hours.
- You must earn an overall average of C or higher in the class.
- You must earn a C grade or higher on the final exam. (You must take the final exam at the regularly scheduled time unless the Dean of the College of Arts and Sciences authorizes an exception in advance.)

Final Exam

The final exam will be given 8-10 a.m. on Friday, September 4, 2009. The exam will be comprehensive and will be the same for all sections of this course.

Grading Scale

The only grades that will be assigned in this course are: A, A–, B+, B, B–, C+, C, and F.

The grades will be assigned using the following percentage scale:

A range 90% – 100% B range 80% – 89% C range 65% – 79% F below 65%

Grading Scheme

The final grade is a combination of the following components with the given weights:

Final Exam	25%
Tests and Quizzes	60%
Homework	10%
Class Participation	3%
Lab Participation	2%

Attendance

You must be in attendance by the second class meeting in order to remain registered for the class. If you miss both of the first two class meetings, you will automatically be dropped from the class. If you miss more than the allowed number of class periods, you will not be eligible to receive a passing grade. You are responsible for the material presented in class whether or not you are in attendance.

Late Work

Late homework will not be accepted. You must take all tests and exams at the scheduled time or make **prior arrangements** with your teacher. Make-up tests will not be given. Be sure you understand your own teacher's policies with regard to homework and exams (see your teacher's addendum to this syllabus).

Participation

All of us are expected to help maintain a professional learning environment. Any action of yours that is a disruption to the class or a distraction to other students will not be tolerated. Examples include, but are not limited to: using cell phones (including texting); cell phones ringing (even in vibrating mode); inappropriate dress or language; holding conversations during class; entering and leaving the room at inopportune times; and interrupting the teacher or other students during the lecture. Penalties may include removal from class during that class period, lowering of the class grade, and/or removal from the course.

Cheating and Plagiarism

Cheating is not tolerated and will result in a loss of credit as well as jeopardizing your position as a student in the class. Anything you turn in must be your own work. Any work which is not 100% your own is considered plagiarism and will result in loss of credit as well as possible disciplinary action. (See the 2009-10 La Sierra University Bulletin for the current Academic Integrity and Honesty policy.)

Additional Help

Group tutoring and other resources are available free to students in the Learning Support and Testing Center (LSTC, x2453) located in the lower level of La Sierra Hall.

Math Anxiety

Generally there is a support group for math anxiety that meets in the Counseling Center located in the lower level of La Sierra Hall. If you are interested in joining a group, or interested in individual counseling, or in finding out more about math anxiety, please contact the Counseling Center (x2011).

Learning Disabilities

La Sierra University complies with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973. Any student with a documented disability (physical, learning, or psychological) needing academic accommodations should contact the Learning Support and Testing Center (LSTC) as early in the quarter as possible. All discussions will remain confidential. Please contact LSTC (La Sierra Hall, Suite 100, x2452) for additional information. The Department of Mathematics and Computer Science grants an accommodation under this policy only after the Learning Support and Testing Center determines what the appropriate accommodations will be. We certainly are happy to help facilitate you in contacting the LSTC and to work with them in implementing any indicated accommodations. If you do qualify for accommodations, it is your responsibility to bring your paperwork to your instructor no less than three school days before you wish such accommodations to take effect.

Changes to the Syllabus

The instructor and department reserve the right to make adjustments to the syllabus and addendums as deemed necessary. Changes become effective when announced in class.

Exceptions

The Department of Mathematics and Computer Science must approve any exception to these policies.

First Two Days' Assignments

Day 1 period 1	Sec 2.1	Equations of One Variable	p65-67	#1-85 (every 4 th)
Day 1 period 2	Sec 2.2	Coin, Stamp, and Integer Problems	p73-76	#1-39 (odd)
Day 2 period 1	Sec 2.3	Value Mixture and Motion Problems	p82-87	#1-39 (odd)
Day 2 period 2	Sec 2.4	Applications: Problems Involving Percent	p91-96	#1-47 (odd)

**Department of Mathematics and Computer Science
La Sierra University**

Teacher's Addendum to the Departmental Syllabus Summer 2009
(For additional information please see the Departmental Syllabus for this class.)

Course: MATH 007 – Section 1 – Intermediate Algebra

Time/Day: 8:00-9:50 MTWRF

Location: PSC 146

Instructor: W. Clarke, PSC 256, (951) 785-2548, wclarke@lasierra.edu

Office Hours: 10:00—11:00 a.m. MTWRF, or by appointment

Assignments and Quizzes

Assignments are due the following class period after being assigned. **Late homework is not accepted under any circumstances.** If you know you are going to be absent, please bring your assignment early or have a friend bring it to class for you. The assignment and quiz portions of your final grade will be adjusted to effectively drop the lowest couple of assignments and the lowest quiz. To receive credit you must turn in homework at the beginning of class. You should have your name, etc. written on your paper before you come to class. Credit will only be given for work that is:

- On time
- Legible
- Original to the student
- Correctly headed (with full name, class, section, and assignment)

If your homework takes more than one page, please write your full name on all pages and staple the papers together.

- Complete work shown

Quizzes are given in the first few minutes of class and may be unannounced. It is very important that you be on time to class to avoid missing quiz points. **There will be no late quizzes given.** If you miss a quiz your score will be a zero.

Tests (not the final exam)

Three tests will be given over the course of the quarter. The scheduled dates for these tests are indicated in the schedule below. You must take each test at the scheduled time. **There will be no late tests given.** If you miss a test your score will be a zero.

Math 007 Tentative Assignments

Date	Day	Section(s)	Assignment
10-Aug	M	2.1 2.2 & 2.3	#1-81 (every 4th): 1,5,9,...77,81 2.2 #1-39 (odd): 1,3,5,7,...,37,39 & 2.3 #1-39 (odd): 1,3,5,7,...,37,39
11	T	2.4 2.5 & 2.6	#1-47 (odd): 1,3,5,7,...,45,47 2.5 #1-109 (every 4th) & 2.6 #1-93 (every 4th)
12	W	3.1 & 3.3 3.2	3.1 #1-37 (odd) & 3.3 #1-33 (odd) #1-112 (every 3rd): 1,4,7,10,...,109,112
13	R	3.4 & 3.5 3.6, 3.7 & 4.5	3.4 #1-45 (odd) & 3.5: #1-45 (every 4th),55,63 3.6 #1-29 (odd), 3.7 #7-23 (odd), 4.5 #5-27 (odd)
14	F	4.1 & 4.2 Test 1	4.1 #1-81 (every 4th) & 4.2 # 1-37(every 4th), 65,67,77 Chapters 2 & 3
17	M	4.4 5.1	#1-21 (odd), 33, 37 #1-117 (every 4th), 129,133
18	T	5.2 & 5.3 5.4	5.2 #1-19 (odd), 23,25,39-49(odd) & 5.3 #1-133 (every 6th) #1-69 (odd)
19	W	5.5 5.6 & 5.7	#1-149 (every 4th) 5.6 #1-141 (every 10th)& 5.7#3-51 (every 6th), 61-81 (every 4th)
20	R	6.1 & 6.2 6.2 & 6.3	6.1 #1-85 (every 6th) & 6.2 #1-37 (every 4th) 6.2 #45-101 (every 4th) & 6.3 #1-49 (every 4th)
21	F	6.4 6.5	#1-33 (odd), 35-75 (every 4th), 85 #1-11 (odd), 15-51(every 4th), 85
24	M	6.6 7.1	#1-27 (odd) #1-169 (every 6th)
25	T	7.2 Test 2	#1-133 (every 4th), 139, 147 Chapters 4, 5, & 6
26	W	7.5 7.4	#1-113 (every 4th) #1-81 (every 4th)
27	R	8.1 8.2	#1-133 (every 4th), 141, 145, 149 #1-125 (every 4th)
28	F	8.3 8.4	#1-69 (every 4th) #1-25 (odd)
31	M	8.5 8.6	#1-55 (odd) #9-35 (odd), 45-77 (every 4th)
1-Sep	T	8.7 10.2	#1-33 (odd) #1-137 (every 4th)
2	W	10.4 Test 3	#1-39 (odd), 55-79 (odd) Chapters 7 & 8
3	R		Review Review
4	F		Final Examination